

FILE 'REGISTRY' ENTERED AT 11:43:10 ON 27 DEC 2004

E "NS-1619"/CN 25

E "NS1619"/CN 25

E "NS 1619"/CN 25

L1 1 S E3

FILE 'CANCERLIT' ENTERED AT 11:45:08 ON 27 DEC 2004

L2 1 S L1

L3 1215137 S APOPTOSIS OR TUMOR OR CANCER OR NEOPLASM?

L4 0 S L3 AND L2

L5 2 S NS 1619

L6 1 S L3 AND L5

L7 0 S BLACK/AU

L8 0 S NINGARAJ/AU

L9 0 S NINGARAJ.AU

L10 0 S CAPLUS

FILE 'CAPLUS' ENTERED AT 11:49:42 ON 27 DEC 2004

L11 56 S L1

L12 658649 S APOPTOSIS OR TUMOR OR CANCER OR NEOPLASM

L13 9 S L11 AND L12

L14 22244 S POTASSIUM CHANNEL

L15 802 S L14 AND L12

L16 8 S L13 AND L14

L17 2 S CALCIUM ACTIVATED POTASSIUM CHANNEL ACTIVATOR

FILE 'CANCERLIT' ENTERED AT 11:53:08 ON 27 DEC 2004

FILE 'CAPLUS' ENTERED AT 11:53:08 ON 27 DEC 2004

FILE 'PCTFULL' ENTERED AT 11:54:25 ON 27 DEC 2004

L18 1 S CALCIUM ACTIVATED POTASSIUM CHANNEL ACTIVATOR

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ACCESSION NUMBER: 2000:36170 DISSABS Order Number: AAI9958329  
TITLE: Potassium channel openers and beta-amyloid toxicity in  
vascular endothelial cells  
AUTHOR: Chi, Xuedong [Ph.D.]; Price, Joel M. [adviser]  
CORPORATE SOURCE: University of South Florida (0206)  
SOURCE: Dissertation Abstracts International, (1999) Vol. 61, No.  
1B, p. 115. Order No.: AAI9958329. 85 pages.  
DOCUMENT TYPE: Dissertation  
FILE SEGMENT: DAI  
LANGUAGE: English

AB . . . by electron microscopy. We also found that A $\beta$  1-40 and  
its toxic components A $\beta$ 25-35 can induce both dose- and time-dependent  
**necrosis** in cultured vascular endothelial cells. The results  
demonstrate that this cytotoxicity is correlated with a dose-dependent  
decrease of bradykinin induced nitric oxide (NO) production. Furthermore,  
the KATP channel opener diazoxide and the KCa opener **NS1619**  
effectively attenuates A $\beta$ -induced endothelial cytotoxicity. These  
KCOs also stimulate NO production in AD treated endothelial cells, and  
this effect can. . .

LE: Triazolylbenzimidazolones and triazolylbenzotriazoles:  
new potential potassium channel activators. II  
AUTHOR(S): Baragatti, Barbara; Biagi, Giuliana; Calderone,  
Vincenzo; Giorgi, Irene; Livi, Oreste; Martinotti,  
Enrica; Scartoni, Valerio  
CORPORATE SOURCE: Dipartimento di Psichiatria, Neurobiologia,  
Farmacologia e Biotecnologie, Universita di Pisa,  
Pisa, 56126, Italy  
SOURCE: European Journal of Medicinal Chemistry (2000),  
35(10), 949-955  
CODEN: EJMCA5; ISSN: 0223-5234  
PUBLISHER: Editions Scientifiques et Medicales Elsevier  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OTHER SOURCE(S): CASREACT 134:207763  
REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L29 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 2000:627341 CAPLUS  
DOCUMENT NUMBER: 133:350174  
TITLE: 5-(4'-substituted-2'-nitroanilino)-1,2,3-triazoles as  
new potential potassium channel activators. I  
AUTHOR(S): Biagi, Giuliana; Calderone, Vincenzo; Giorgi, Irene;  
Livi, Oreste; Scartoni, Valerio; Baragatti, Barbara;  
Martinotti, Enrica  
CORPORATE SOURCE: Dipartimento di Scienze Farmaceutiche, Universita  
degli Studi di Pisa, Pisa, 56126, Italy  
SOURCE: European Journal of Medicinal Chemistry (2000), 35(7 &  
8), 715-720  
CODEN: EJMCA5; ISSN: 0223-5234  
PUBLISHER: Editions Scientifiques et Medicales Elsevier  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OTHER SOURCE(S): CASREACT 133:350174  
REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L29 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 2000:531261 CAPLUS  
DOCUMENT NUMBER: 133:246992  
TITLE: Potassium channel openers prevent  $\beta$ -amyloid  
toxicity in bovine vascular endothelial cells  
AUTHOR(S): Chi, X.; Sutton, E. T.; Hellermann, G.; Price, J. M.  
CORPORATE SOURCE: College of Medicine, Department of Physiology,  
University of South Florida, Tampa, FL, 33612-4799,  
USA  
SOURCE: Neuroscience Letters (2000), 290(1), 9-12  
CODEN: NELED5; ISSN: 0304-3940  
PUBLISHER: Elsevier Science Ireland Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L29 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 1999:305307 CAPLUS  
DOCUMENT NUMBER: 131:128233  
TITLE: Potassium channels and neurodegenerative diseases  
AUTHOR(S): Rundfeldt, Chris  
CORPORATE SOURCE: Dept. of Pharmacology I, Corporate R and D, ASTA  
Medica GmbH, Radebeul, D-01445, Germany  
SOURCE: Drug News & Perspectives (1999), 12(2), 99-104  
CODEN: DNPEED; ISSN: 0214-0934

PUBLISHER:  
DOCUMENT TYPE:  
LANGUAGE:  
REFERENCE COUNT:

Prous Science  
Journal; General Review  
English

43      THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 2000:36170 DISSABS Order Number: AAI9958329  
TITLE: Potassium channel openers and beta-amyloid toxicity in  
vascular endothelial cells  
AUTHOR: Chi, Xuedong [Ph.D.]; Price, Joel M. [adviser]  
CORPORATE SOURCE: University of South Florida (0206)  
SOURCE: Dissertation Abstracts International, (1999) Vol. 61, No.  
1B, p. 115. Order No.: AAI9958329. 85 pages.  
DOCUMENT TYPE: Dissertation  
FILE SEGMENT: DAI  
LANGUAGE: English

ACCESSION NUMBER: 2000:892172 CAPLUS  
DOCUMENT NUMBER: 134:207763  
TITLE: Triazolylbenzimidazolones and triazolylbenzotriazoles:  
new potential potassium channel activators. II  
AUTHOR(S): Baragatti, Barbara; Biagi, Giuliana; Calderone,  
Vincenzo; Giorgi, Irene; Livi, Oreste; Martinotti,  
Enrica; Scartoni, Valerio  
CORPORATE SOURCE: Dipartimento di Psichiatria, Neurobiologia,  
Farmacologia e Biotecnologie, Universita di Pisa,  
Pisa, 56126, Italy  
SOURCE: European Journal of Medicinal Chemistry (2000),  
35(10), 949-955  
CODEN: EJMCA5; ISSN: 0223-5234  
PUBLISHER: Editions Scientifiques et Medicales Elsevier  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OTHER SOURCE(S): CASREACT 134:207763  
REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 2000:627341 CAPLUS  
DOCUMENT NUMBER: 133:350174  
TITLE: 5-(4'-substituted-2'-nitroanilino)-1,2,3-triazoles as  
new potential potassium channel activators. I  
AUTHOR(S): Biagi, Giuliana; Calderone, Vincenzo; Giorgi, Irene;  
Livi, Oreste; Scartoni, Valerio; Baragatti, Barbara;  
Martinotti, Enrica  
CORPORATE SOURCE: Dipartimento di Scienze Farmaceutiche, Universita  
degli Studi di Pisa, Pisa, 56126, Italy  
SOURCE: European Journal of Medicinal Chemistry (2000), 35(7 &  
8), 715-720  
CODEN: EJMCA5; ISSN: 0223-5234  
PUBLISHER: Editions Scientifiques et Medicales Elsevier  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OTHER SOURCE(S): CASREACT 133:350174  
REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 2003456462 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 12962728  
TITLE: The K<sup>+</sup> channel openers diazoxide and NS1619  
induce depolarization of mitochondria  
and have differential effects on cell Ca<sup>2+</sup> in CD34<sup>+</sup> cell  
line KG-1a.  
AUTHOR: Korper Sixten; Nolte Florian; Rojewski Markus Thomas; Thiel  
Eckhard; Schrezenmeier Hubert  
CORPORATE SOURCE: Freie Universitat Berlin, Universitätsklinikum Benjamin  
Franklin, Medizinische Klinik III (Hematologie, Onkologie  
und Transfusionsmedizin), Berlin, Germany..  
sixten.koerper@medizin.uni-ulm.de  
SOURCE: Experimental hematology, (2003 Sep) 31 (9) 815-23.  
Journal code: 0402313. ISSN: 0301-472X.  
PUB. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200310  
ENTRY DATE: Entered STN: 20031002  
Last Updated on STN: 20031022  
Entered Medline: 20031021